
Parliamentary Outreach Event
on
Intelligent Transport Systems
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The Automotive Perspective

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Population growth

- More accidents
- More congestion
- More emissions
- Aging population

Urbanisation

- Limited space
- Optimisation
- Mass transit
- Mega Cities

Connectivity

- “Big Data”
- Inter-operability
- Cyber security
- Privacy

Automotive trend: Autonomy

Advisory

Suggestive

Full Authority



2013 Ford Fusion (Photo: Ford)

Automotive trend: Autonomy



2013 Ford Fusion (Photo: Ford)



ITS Status (from an automotive perspective)



■ **Autonomy is coming but it only solves the safety issue**

- Massive hardware duplication pushes up cost
- “Stand alone” vehicles have a limited horizon and limited options
- Cooperative systems would also help optimise the traffic flow

■ **Two different industries starting to run on parallel paths**

- Addressing the same societal issues: Safety, Congestion, Emissions
- Common problems: data ownership, inter-operability, security, etc
- Could we soon be second guessing each other?

■ **Transformation of cars in to machines that communicate with each other**

- Need for real world studies and cross sector working
- Intensive social debate
- Legislation

